



Janet Napolitano  
Governor

# ARIZONA DEPARTMENT OF ENVIRONMENTAL QUALITY

1110 West Washington Street • Phoenix, Arizona 85007  
(602) 771-2300 • [www.azdeq.gov](http://www.azdeq.gov)



Stephen A.  
Owens  
Director

## NOTICE OF PROPOSED ACTION by the

Arizona Department of Environmental Quality (ADEQ) on an application for an Arizona Pollutant Discharge Elimination System (AZPDES) Permit to discharge pollutants to Waters of the United States. ADEQ is issuing this notice of proposed action under the Clean Water Act (CWA) and in accordance with Arizona Administrative Code (A.A.C.) R18-9-A907.

The Director proposes to issue an AZPDES permit to discharge to the following applicant, subject to certain effluent limitations and special conditions:

Public Notice No. : 55-08AZ

AZPDES Permit NO. AZ0023248  
City of Tempe – Kyrene WRP  
P.O. Box 5002  
Tempe, Arizona 85280

Publication Date: 11/27/08

The applicant applied for a renewal AZPDES permit for the discharge of up to 9 million gallons per day (mgd) of effluent from a water reclamation plant (WRP) that serves the City of Tempe in Maricopa County, Arizona. Effluent is discharged, via a storm drain, into the Salt River in the Middle Gila Basin. The point of discharge will be in T1S, R3E, Section 23. Wastewater is both domestic and industrial in nature. Treatment will be tertiary with screen filtration, grit removal, equalization basins, and membrane filtration. Anoxic and aerobic tanks are used for the nitrification and de-nitrification processes. Treated wastewater is pumped through inline UV reactors and the sludge is sent, via pipeline, to the City of Phoenix 91st Avenue WWTP for treatment and disposal. Sludge will be disposed of at an approved landfill. Pursuant to A.A.C. 18-11 Article 1, Appendix B, effluent limitations in the permit are based on the designated uses of aquatic and wildlife (effluent dependent water) (A&Wedw) and partial body contact (PBC). Effluent will be monitored for biochemical oxygen demand (BOD), total suspended solids (TSS), E. Coli, pH, metals, and cyanide. Chronic whole effluent toxicity (WET) testing will be required once per month to assist in determining whether synergistic effects of monitored or non-monitored parameters are occurring.

With 24 hour notice, the draft permit and related documentation is available for public review Monday through Friday from 8:30 a.m. to 4:30 p.m. at the ADEQ Phoenix office. To review the file, contact the Records Management Center, 24 hours in advance at (602) 771- 4380. A copy of the pertinent documents may also be obtained by calling or writing ADEQ as follows.

Persons may submit comments or request a public hearing on the proposed action, in writing, to:

William Marceau  
Arizona Department of Environmental Quality  
Water Quality Division  
1110 W. Washington – 5415A-1  
Phoenix, AZ 85007  
Telephone: 602-771-4666

All written comments received by ADEQ by the close of business on the date 30 days after publication of this notice will be considered in the final permit decision. Requests for a hearing must be in writing and must state the issues proposed to be raised in a hearing. If there is a significant degree of public interest, the Director will hold a hearing in accordance with A.A.C. R18-9-908(B). Additional notice of such hearing would be published at least 30 days prior to the hearing date.

Please bring the foregoing notice to the attention of all persons you know would be interested in this matter.

Northern Regional Office  
1801 West Route 66 • Suite 117 • Flagstaff, AZ  
86001  
(928) 779-0313

Southern Regional Office  
400 West Congress Street • Suite 433 • Tucson, AZ  
85701  
(520) 628-6733

*Printed on recycled paper*